

Converting Colors

CIELCh(49, 34.235, 23.638)

Have a look what the booklet for
CIELCh(49, 34.235, 23.638) contains.

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Color

CIELCh(49, 34.515, 23.179)

Conversions

Conversions Part 1

Format	Color
Hex	AC5E5F
RGB	172, 94, 95
RGB Percent	67%, 37%, 37%
CMY	0.3256, 0.6315, 0.6275
CMYK	0.00, 0.45, 0.45, 0.33
HSL	359°, 32%, 52%
HSV	359°, 45%, 67%
XYZ	23.0717, 17.5941, 13.0006
YIQ	117.4360, 46.1670, 16.8470

Conversions

Conversions Part 2

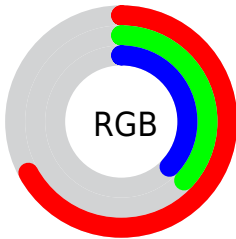
Format	Color
R_{YB}	172, 94, 95
Decimal	11296351
CIE Lab	49.00, 31.73, 13.59
CIE LCh	49, 34.515, 23.179
Yxy	17.5941, 0.4299, 0.3278
Android (android.graphics.Color)	4289486431 (0xFFAC5E5F)
YUV	117.4360, -11.0609, 47.8526
Hunter-Lab	41.9453, 24.7786, 10.9853

Details

The CIELCh color **49, 34.515, 23.179** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **66, 25.217, 196.061**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 34.513, 23.686**, and **29, 34.368, 23.058** is the 20% darker color. If you saturate the color by 10%, you get **45, 43.252, 25.248**, and if you desaturate by 10%, it is **53, 26.058, 21.585**.

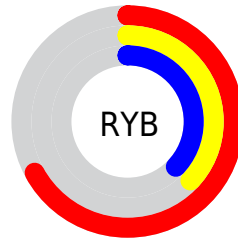
Distribution



Red (67%)

Green (37%)

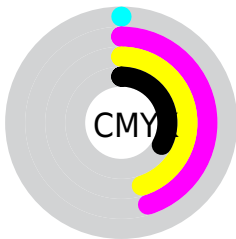
Blue (37%)



Red (67%)

Yellow (37%)

Blue (37%)

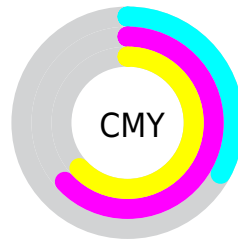


Cyan (0%)

Magenta (45%)

Yellow (45%)

Black (33%)



Cyan (33%)

Magenta (63%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 34.515, 23.179 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 49, 34.515, 23.179 by changing the saturation by 10% instead.

■ 49, 34.515, 23.179

■ 49, 34.515, 23.179

■ 100, 34.515,
23.179

■ 39, 34.515, 23.179

■ 69, 34.515, 23.179

■ 29, 34.515, 23.179

■ 79, 34.515, 23.179

■ 19, 34.515, 23.179

■ 89, 34.515, 23.179

■ 9, 34.515, 23.179

■ 99, 34.515, 23.179

■ 0, 34.515, 23.179

■ 49, 34.515, 23.179

■ 49, 34.515, 23.179

■ 45, 43.252, 25.248

■ 53, 26.058, 21.585

■ 42, 52.044, 27.885

■ 58, 18.035, 20.349

39, 60.581, 31.122

63, 10.519, 19.378

37, 68.422, 34.762

68, 3.530, 18.540

36, 74.670, 38.088

73, 2.950, 198.257

36, 77.191, 39.393

78, 8.957, 197.672

83, 14.538,
197.268

88, 19.739,
196.945

93, 24.605,
196.679

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



49, 34.515, 23.179



66, 25.217, 196.061

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49, 34.515, 23.179



49, 34.515, 73.179



49, 34.515, 203.179



49, 34.515, 253.179

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



49, 34.513, 23.182



81, 11.862, 19.283



51, 51.579, 326.305



41, 8.244, 19.465



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49, 34.513, 23.182



59, 52.346, 25.159



58, 28.327, 68.143



34, 3.817, 18.875



31, 69.513, 38.938



2, 7.804, 18.537

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49, 34.513, 23.182



59, 52.346, 25.159



55, 24.548, 261.591



34, 3.817, 18.875



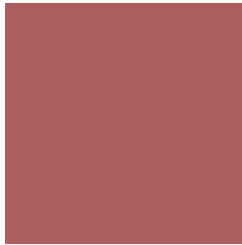
31, 69.513, 38.938



2, 7.804, 18.537

Previews

White Background



This preview shows how the CIELCh color 49, 34.515, 23.179 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 49, 34.515, 23.179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

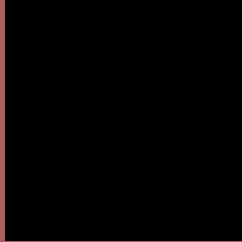
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 34.515, 23.179

Background



This preview shows how black text looks on a background with the CIELCh color 49, 34.515, 23.179.

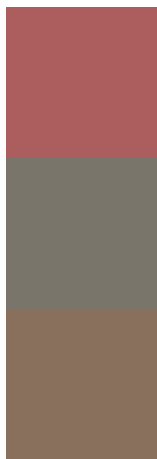


This preview shows how white text looks on a background with the CIELCh color 49, 34.515, 23.179.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

49, 34.515, 23.179

Protanopia

49, 6.750, 91.186

Deuteranopia

49, 16.280, 65.571



Tritanopia
49, 34.452, 17.663

Trichromacy



Original Color
49, 34.515, 23.179

Protanomaly
49, 14.121, 37.580

Deuteranomaly
49, 21.534, 40.370

Tritanomaly
49, 34.599, 19.562

Monochromacy



Original Color
49, 34.515, 23.179

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 11.854, 20.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 34.515, 23.179 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(172, 94, 95)` looks like.

```
.text, #text, p{  
  color:rgb(172, 94, 95)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(172, 94, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 94, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 34.515, 23.179 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 94, 95) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(172, 94, 95) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(172, 94, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 94, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 94, 95);  
box-shadow:4px 4px 4px 4px rgb(172, 94,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 34.515, 23.179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 94, 95) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(172, 94,  
95) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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